

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-02 13:16:52

Date of Next Testing: 2027-11-01 13:16:52

Product Name: **Carbon nanotube, multi-walled**

CAS Number: 308068-56-6

Specifications & Purity:

Lot #: J2320020

SKU #: **H493291**

Version: **1**

Analysis #: **291538**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity	>98 (%)	98.19000 %
-OH Content	5.3-5.7 (wt %)	5.46000 wt%
Outer Diameter	5-15 (nm)	10.00000 nm
Length	10-30 (μm)	20.00000 μm
Specific Surface Area	220-300 (m ² /g)	240.00000 m ² /g
Ash	<1.5 (%)	0.90000 %
Color(Black)	pass	Pass



John Su
QA & QC Manager